CLAIMS

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a substrate;

a ground conductor provided on the bottom surface of the substrate;

a radiation conductor, with a partial cutout, provided on the top surface of the substrate;

a ground terminal provided in the partial cutout of the radiation conductor;

a conductor to connect the ground conductor with the ground terminal;

and

a feed terminal connected to the radiation conductor, wherein the ground terminal and the feed terminal are connected to an IC chip.

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- 2. The antenna device of claim 1, wherein a slit is provided between the radiation conductor and the feed terminal.
- 3. The antenna device of claim 1, wherein a width of the radiation conductor differs between in a central portion and in both broad sides.
 - 4. The antenna device of claim 1, wherein the radiation conductor is formed meandering in the central portion and flat in both broad sides.
- 5. The antenna device of claim 1, wherein the radiation conductor is formed spiral in the central portion and flat in both broad sides.

- 6. The antenna device of claim 1, wherein a dent is formed between the ground terminal and the feed terminal, and the IC chip is embedded in the dent.
- 7. The antenna device of claim 1, wherein a step is provided on a surface of the substrate, and mounted parts of the IC chip including the ground terminal and the feed terminal, and a portion of radiation conductor are disposed on the step.
- 8. The antenna device of claim 7, wherein the step is molded by a dielectric.
 - 9. The antenna device of claim 1, wherein the substrate is provided with cavities internally.

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- 10. The antenna device of claim 1, wherein parasitic conductors electrically insulated from the radiation conductor are disposed on the substrate.
- 20 11. The antenna device of claim 1, wherein the substrate is formed from a flexible material.
 - 12. The antenna of claim 1, wherein an insulation layer is provided on one of an entire surface of the ground conductor and a portion of the ground conductor.
 - 13. A radio communication system having one of the antenna device of

claim 1 to 12 to dispose on a metal.